



- Renewal of the Personnel Protection System (PPS) of the Super Proton Synchrotron Complex (SPS)
- Schedule: December 2017 – May 2024.
- Customer and location: CERN, Meyrin (Switzerland).



TECHNICAL HIGHLIGHTS

- Complete renewal of the PPS for the SPS ring as well as the adjacent area used to inject beam into LHC.
- Project developed in accordance with IEC 61508, IEC 61511 and IEC 61513.
- Main system based on Safety SIEMENS PLCs and redundant system based in hardware loop.
- Validated by an independent external company (Bureau Veritas).



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